

Ana Alecsandru is a second-year PhD student in international relations at the University of Birmingham, United Kingdom. Her research explores how trust can shape the verification provisions in nuclear arms control agreements, with a focus on the US–Russia relations. She has completed internships with the WMD Non-Proliferation Center at NATO HQ (Brussels) and the Strategic Planning Unit in the United Nations Office for Disarmament Affairs (New York). She holds an undergraduate degree in international relations from the University of Bath and master’s degrees in security studies and research methods, both from the University of Birmingham, UK.

Whitney Baillie is a PhD student in the Political Science Department at Syracuse University. Her current research examines how nuclear security guarantees affect the integrity and durability of the nonproliferation regime. She also works as a research and practice associate for the Institute for National Security and Counterterrorism. She received her BA in international relations from McKendree University and her MPA from Syracuse University’s Maxwell School of Citizenship and Public Affairs.

Jonathon Baron is a PhD candidate in political science at Yale University and a fellow of the Yale Program on Japanese Politics and Diplomacy. His research interests and recent fieldwork focus on quantitative and qualitative studies of US and Japanese public attitudes toward nuclear weapons and nuclear power. He has also conducted research on political behavior in the context of a variety of international security issues. Baron holds an MA and MPhil from Yale, and an AB from the University of Chicago, all in political science.

Ashley Conner is a policy analyst at Science Applications International Corporation (SAIC), supporting Headquarters Air Force Strategic Deterrence and Nuclear Integration (HAF/A10), in the Nuclear Planning, Policy, and Strategy Division (A10P). Her work includes development of education and training programs for Air Force arms control treaty implementation and compliance, coordinating with interagency partners on arms control policy, and conducting Chemical Weapons Convention challenge inspection training exercises for Air Force treaty compliance officers in the field. She has also supported various task forces with the Defense Science Board, including the task forces on Energy Systems for Forward and Remote Operating Bases and Deterring, Preventing, and Responding to the Threat or Use of Weapons of Mass Destruction. Last fall, she completed a fellowship with the Nonproliferation Policy Education Center. Conner received her MA in conflict resolution with an emphasis in national security and public policy from Georgetown University, and her BS in crime, law, and justice from Penn State University.

Bridget Golob is a policy analyst at Science Applications International Corporation (SAIC), where she provides contractor support to the Air Force Directorate for Strategic Deterrence and Nuclear Integration. Prior to joining SAIC, Golob served as a foreign affairs intern with the Department of State’s Office of Peace Support Operations, Sanctions and Counterterrorism. She has also served as a policy intern in the Federal Emergency Management Agency’s Office of Policy and Program Analysis. She holds a master’s degree with distinction in conflict, security, and development from King’s College London and graduated *cum laude* from Dartmouth College with a bachelor’s degree in geography and Romance languages.

Rachel Grodsky is an engineer in the Ceramic Materials Department at the Kansas City National Security Campus of the National Nuclear Security Administration. She performs material characterization and failure analysis as well as novel materials research. She recently completed a two-year residency at the Pentagon, working for the Deputy Assistant Secretary of Defense for Nuclear Matters where she collaborated on issues ranging from stockpile management to modernization programs. Prior to this assignment, she participated in a one-year residency at Sandia National Laboratories.

Ivy Krystal Jones has recently completed a postdoctoral research staff position at Lawrence Livermore National Laboratory where she studied the fabrication of transparent ceramic halide scintillator material for nuclear radiological detection applications. She received her MS (2009) and PhD (2015) in physics from Hampton University. Jones also has an MS in mechanical engineering from Tuskegee University and an MS in biotechnology and Chemical sciences from Roosevelt University. She received her BS in chemistry from Tuskegee University in 2001. Jones's dissertation focused on solid-state "eye-safe" laser material development, and she has worked on multi-disciplinary research projects from bioengineering molecular ligation techniques to the mechanical evaluation of hybrid space-survivable nanocomposites. She is also interested in studying in-situ nuclear material measurement protocol, source-specific detection methodologies, and field device applications.

Marie Kirkegaard is a second-year PhD student at the Bredesen Center for Interdisciplinary Research at the University of Tennessee, Knoxville, and Oak Ridge National Laboratory (ORNL). Her research at ORNL focuses on using spectroscopic and computational techniques to study uranium compounds relevant to the nuclear fuel cycle with the ultimate goal of advancing nuclear forensics capabilities. In addition to her technical work, Kirkegaard has studied the evolution of global cooperative threat reduction programs. She is the president of the Forum on Science Ethics and Policy at the University of Tennessee. Prior to moving to Tennessee, Kirkegaard earned a BS in chemical physics from Harvey Mudd College in Claremont, CA.

Chris Lawrence is a research fellow with the Program on Science, Technology and Society at Harvard University's Kennedy School of Government. He is trained in nuclear physics and engineering, and is generally interested in the role of knowledge in arms control and disarmament. He was previously Stanton Nuclear Security Postdoctoral Fellow at the Center for International Security and Cooperation at Stanford University.

Cameron Chansong Lee is a PhD candidate at the Paul H. Nitze School of Advanced International Studies, Johns Hopkins University. He specializes in international relations theories, and his research interests range from nuclear strategy and arms control, to international energy relations. His dissertation focuses on the intra-alliance politics of nuclear weapons deployment in the US extended deterrence system. Before he entered his PhD program, he was involved with a number of government projects in South Korea, such as developing agendas for nuclear security summits and devising a strategy for climate change negotiations. He holds a BA from Korea University and an MA from Seoul National University.

Kayla Matteucci is an undergraduate student and research fellow at Fordham University, pursuing her bachelor's degrees in international studies, political science, and Spanish. Among her endeavors as an

undergraduate, she has devoted herself to work in grassroots politics, immigration, human rights law, and refugee support, pursuing the publication of her work on the humanitarian and security discourses surrounding Syrian refugees in Turkey. She has enjoyed time at Manhattan's Center on National Security, conducting research on cyber security, counterterrorism, and the nuclear dimensions of US–Russia relations. For the past year, Matteucci has worked as an intern in international nuclear safeguards and security at Sandia National Laboratories in the Energy, Nonproliferation, and High Consequence Security Division.

Nikita Perfilyev is a PhD student at the University of Vienna. His dissertation examines the evolution of Russian–Chinese nuclear deterrence relations and their implications for strategic stability. He has worked at the Comprehensive Nuclear-Test-Ban Treaty Organization since 2011, in the External Relations and International Cooperation Section and at the Capacity Building and Training Section promoting the CTBT and its verification regime. In 2008–2011, he was a Fulbright fellow at the Monterey Institute of International Studies, earning a master's degree in international policy studies and a certificate in nonproliferation studies while also working as research assistant at the James Martin Center for Nonproliferation Studies. During the 2010 NPT Review Conference, he worked on disarmament issues at the UN Office for Disarmament Affairs, including drafting the Disarmament Action Plan. In 2007–2008, he worked at the Russian Center for Policy Studies as a researcher and *Security Index* journal editor. He graduated with distinction from Tomsk State University in Russia.

Ariel F.W. Petrovics is a PhD candidate at the University of California Davis. Her research focuses on foreign policy effectiveness with specific application to contemporary security issues. Her previous work has employed quantitative analysis and case studies to examine engagement tactics with renegade regimes, the determinants of economic sanction success, and the ramifications of threat failure. Her dissertation and current working papers assess foreign policy effectiveness at combating international nuclear proliferation, informed through both statistical analysis in duration and time-invariant tests, and process tracing in contemporary states. After graduating with honors from Bucknell University, Petrovics worked with American Enterprise Institute's Foreign and Defense Policy Department under Dr. Frederick Kagan, and as a contributing author and project manager of AEI's IranTracker and Critical Threats Project. Her work has been published in the Critical Threats Project and UC Berkeley's *Policy Matters Journal*, and has been presented at multiple conferences including the ISA annual convention, WPSA, MPSA, and forthcoming at APSA.

Andrew Reddie is a PhD student in the Charles and Louise Travers Department of Political Science and a researcher for the Nuclear Policy Working Group in the Nuclear Engineering Department, both at University of California Berkeley. His research interests include global institutional design and international security policy concerning nuclear technology, cybersecurity, artificial intelligence, and robotics. He holds an MPhil in international relations from Oxford University as well as an MA in political science and a BA (hons.) in peace and conflict studies from UC Berkeley. Prior to joining UC Berkeley, he served as managing editor at the Canadian International Council and as an associate at the Council on Foreign Relations in Washington, DC.

Major Gary Sampson, US Marine Corps, has served on active duty as a US Marine for eighteen years in intelligence and international affairs assignments. His most recent assignment was as the G-2 operations

officer, Third Marine Expeditionary Force, Okinawa, Japan. He is a veteran of Operation Iraqi Freedom and Operation Enduring Freedom-Philippines. His research interests include China-Taiwan security issues and extended nuclear deterrence in East Asia. He holds an MSS in China and Asia-Pacific studies from National Sun Yat-sen University (Taiwan), where he was an Olmsted Foundation Scholar, and an MS in strategic intelligence from the National Intelligence University in Washington, DC. He will serve as the 2017–18 Commandant of the Marine Corps Fellow at the Fletcher School of Law and Diplomacy, Tufts University, where he will commence studies towards a PhD in the fall of 2017.

Elliot Serbin is a research assistant to Professor Siegfried Hecker at the Center for International Security and Cooperation (CISAC) at Stanford University. His research focuses on nuclear arms control, nuclear security, and nonproliferation, with a particular focus on North Korea's nuclear program. Serbin's previous positions include research assistant to Lynn Eden, senior research scholar emerita at CISAC, and intern at the Center for Policy Studies in Moscow. Serbin graduated from Stanford University in 2015 with a BA in political science and a BA in philosophy.

Lauren Sukin is a PhD student in the Political Science Department at Stanford University. She received her BA from Brown University in political science and literary arts. Her research interests include nuclear strategy, proliferation, and public opinion.